

Title (en)

A RETRACTION SEAL FOR A DISC BRAKE

Publication

**EP 0088689 B2 19910904 (EN)**

Application

**EP 83400449 A 19830304**

Priority

US 35599982 A 19820308

Abstract (en)

[origin: US4387901A] A retraction seal (32) for a disc brake is disposed within a caliper groove (34). The retraction seal (32) cooperates with a forward wall (42) of the groove (34) to define a space (72) which substantially prevents the retraction seal (32) from engaging a radially inner edge (80) of the forward wall (42) during braking, thereby preventing nibbling of the retraction seal (32).

IPC 1-7

**F16D 65/20**

IPC 8 full level

**F16J 15/18** (2006.01); **F16D 55/224** (2006.01); **F16D 65/14** (2006.01); **F16D 65/18** (2006.01)

CPC (source: EP KR US)

**F16D 55/224** (2013.01 - EP US); **F16D 65/18** (2013.01 - EP KR US); **F16D 2121/02** (2013.01 - EP US); **F16D 2127/02** (2013.01 - EP US)

Cited by

DE10066030C2; DE4104070A1; DE10313371A1; DE10038892A1; DE10038892C2; DE4202927A1; FR2686956A1; DE4202927C2; US6244393B1; CN114096760A; EP1179686A2; US8794396B2

Designated contracting state (EPC)

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**US 4387901 A 19830614**; AR 229304 A1 19830715; BR 8301198 A 19831122; CA 1206989 A 19860702; DE 3368312 D1 19870122; EP 0088689 A1 19830914; EP 0088689 B1 19861210; EP 0088689 B2 19910904; ES 279821 U 19841216; ES 279821 Y 19850701; JP S58166141 A 19831001; KR 840003746 A 19840915; KR 900005585 B1 19900731; MX 156264 A 19880729

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**US 35599982 A 19820308**; AR 29229283 A 19830304; BR 8301198 A 19830308; CA 418344 A 19821222; DE 3368312 T 19830304; EP 83400449 A 19830304; ES 279821 U 19830307; JP 3679283 A 19830308; KR 830000812 A 19830228; MX 19649983 A 19830307